

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-272087

(43)Date of publication of application : 18.10.1996

(51)Int.Cl.

G03F 7/016

G03F 7/00

G03F 7/004

G03F 7/021

G03F 7/075

G03F 7/11

G03F 7/11

(21)Application number : 08-050947

(71)Applicant : AGFA GEVAERT NV

(22)Date of filing : 13.02.1996

(72)Inventor : VERMEERSCH JOAN
KOKKELENBERG DIRK
HAUQUIER GUIDO

(30)Priority

Priority number : 95 95200362 Priority date : 15.02.1995 Priority country : EP

(54) DIAZO-BASE IMAGE FORMING MATERIAL WITH IMPROVED STORAGE STABILITY

(57)Abstract:

PROBLEM TO BE SOLVED: To provide diazo-base image forming material containing a layer, containing a hydrophilic (co)polymer or (co)polymer mixture and a hydrolyzed tetraethylorthosilicate, as a hydrophilic layer in order to manufacture a planographic printing plate with improved storage stability and high plate wear.

SOLUTION: Image forming material contains a hydrophilic layer containing a hydrophilic (co)polymer or (co)polymer mixture and hardened by hydrolyzed tetraalkylorthosilicate, and a photosensitive layer containing diazo resin and/or diazonium salt, on a support body. The photosensitive layer contains diazonium salt of p-aminodiphenyl-amine containing an alkyl group or an alkoxy group as a substituent or containing at least one kind of diazo resin and diazonium salt. The weight percentage of diazo resin and/or diazonium salt of p-amino-diphenylamine containing an alkyl group or an alkoxy group as a substituent, to the total quantity of the whole diazo resin and/or diazonium salt is in a range of 22-40%.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]